

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008773.D
 Acq On : 29 Nov 2018 19:12
 Operator : SY/MD
 Sample : J6076-03DL 4X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALQ2DL

Quant Time: Nov 30 06:03:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 04:55:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	146178	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134918	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58658	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49647	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.59	69	33858	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.14	63	67410	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.96	46	112815	49.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	4.41	84	97191	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.09	65	48189	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	207802	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	59742	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	179620	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.67	79	18951	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	79626	46.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37326	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	61664	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

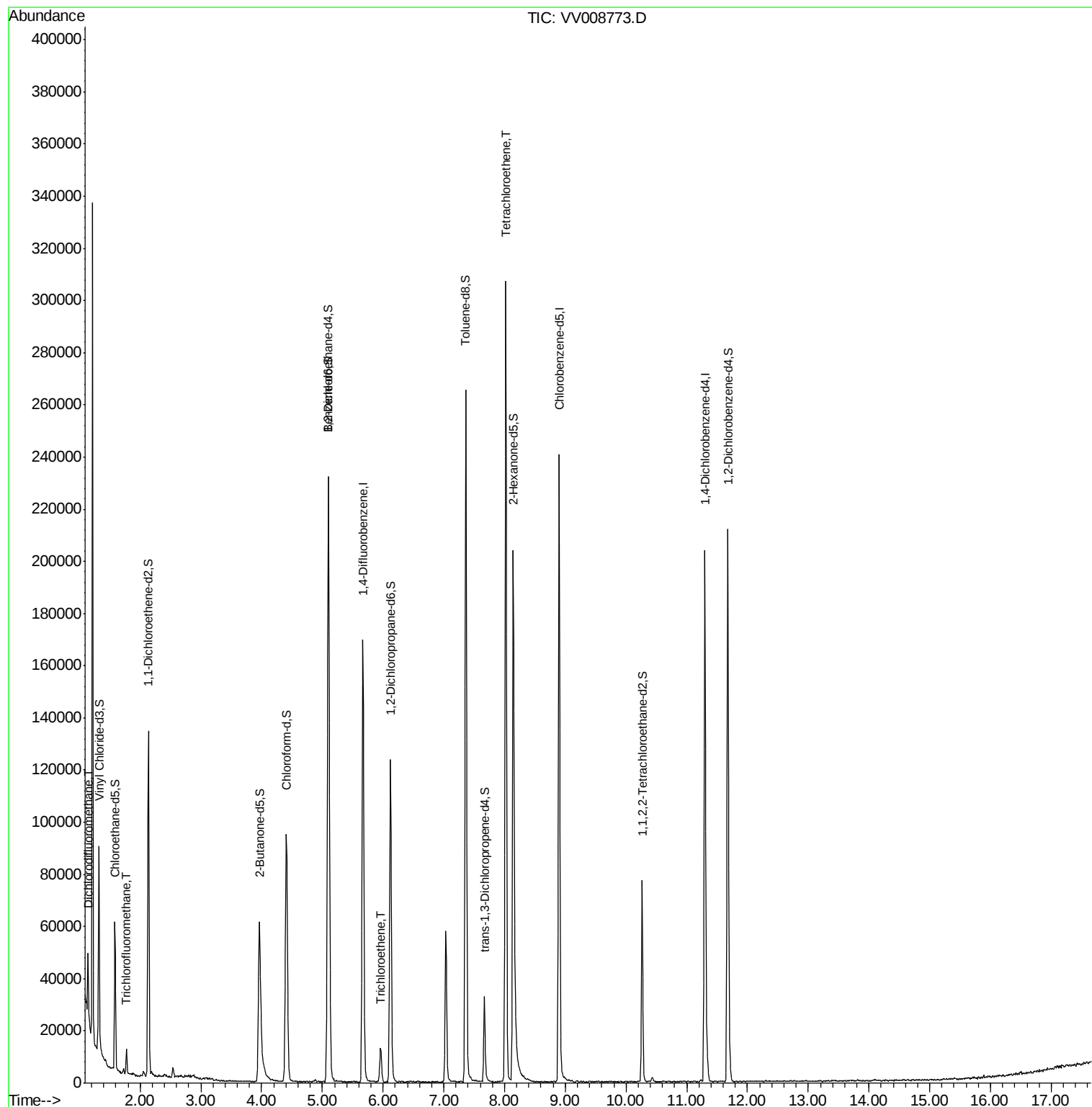
					Qvalue
2) Dichlorodifluoromethane	1.14	85	13719	1.061 ug/L	96
9) Trichlorofluoromethane	1.78	101	4220	0.293 ug/L	93
34) Trichloroethene	5.96	95	3802	0.338 ug/L	89
47) Tetrachloroethene	8.02	164	67440	7.752 ug/L	98

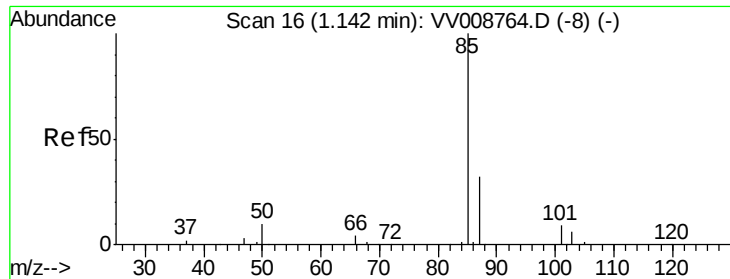
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.061 ug/L

RT: 1.14 min Scan# 16

Delta R.T. -0.00 min

Lab File: VV008773.D

Acq: 29 Nov 2018 19:12

Instrument :

MSVOA_V

ClientSampleId :

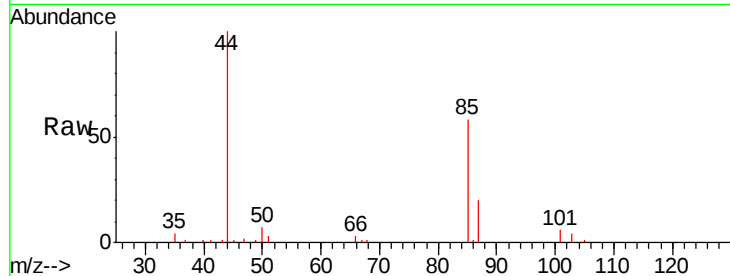
YALQ2DL

Tgt Ion: 85 Resp: 13719

Ion Ratio Lower Upper

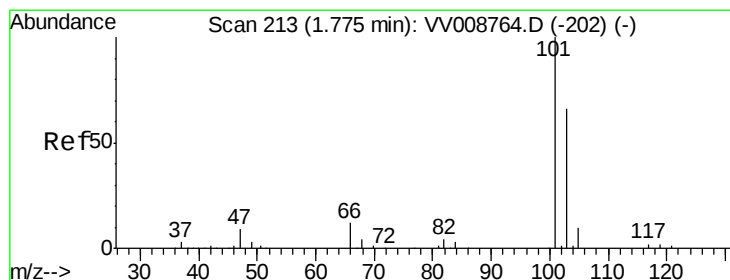
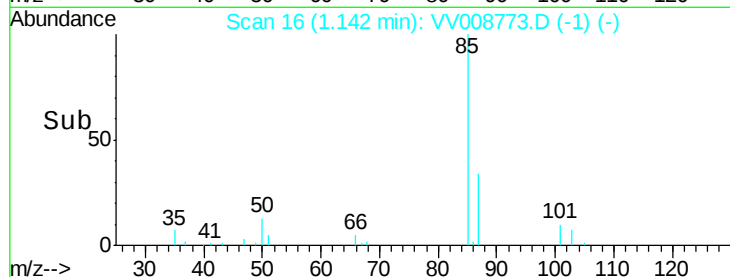
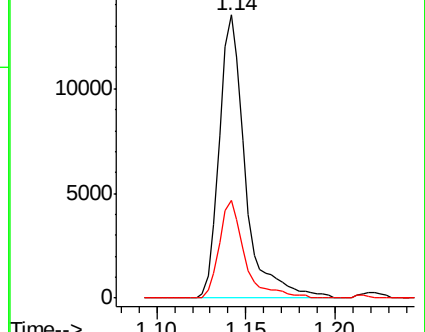
85 100

87 33.7 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV008773.D (-120) (-)

Ion 87.00 (86.70 to 87.70): VV008773.D (-120) (-)



#9

Trichlorofluoromethane

Concen: 0.293 ug/L

RT: 1.78 min Scan# 213

Delta R.T. -0.00 min

Lab File: VV008773.D

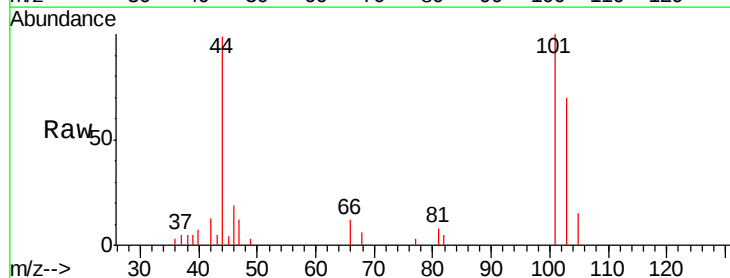
Acq: 29 Nov 2018 19:12

Tgt Ion: 101 Resp: 4220

Ion Ratio Lower Upper

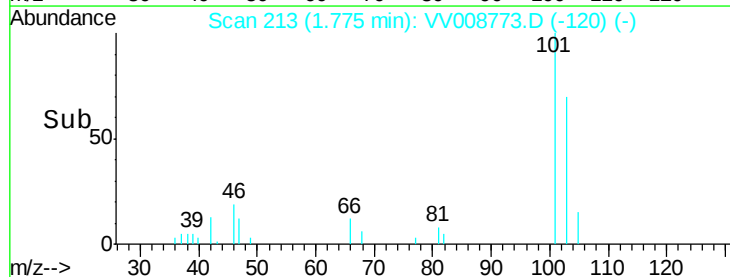
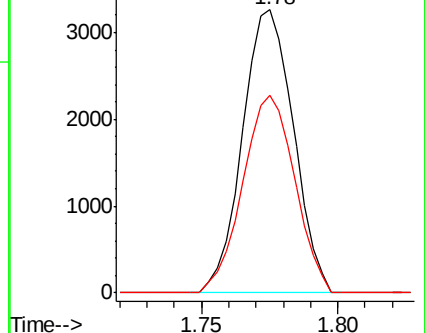
101 100

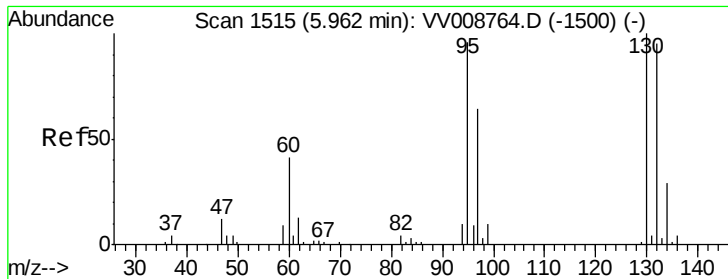
103 71.3 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): VV008773.D (-120) (-)

Ion 103.00 (102.70 to 103.70): VV008773.D (-120) (-)





#34

Trichloroethene

Concen: 0.338 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008773.D

Acq: 29 Nov 2018 19:12

Instrument :

MSVOA_V

ClientSampleId :

YALQ2DL

Tgt Ion: 95 Resp: 3802

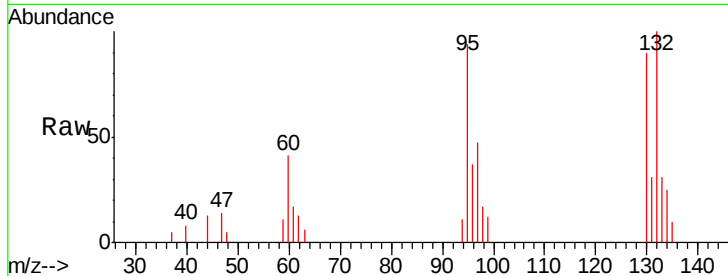
Ion Ratio Lower Upper

95 100

97 50.3 46.5 86.3

132 106.6 69.4 128.8

130 96.4 73.1 135.8

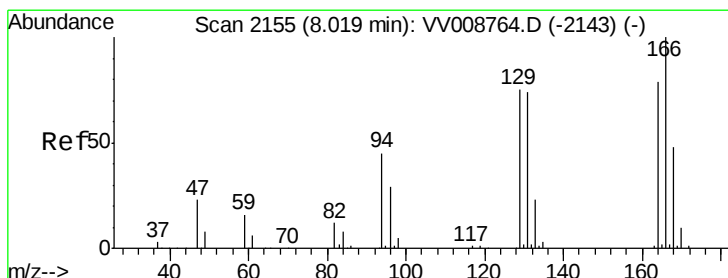
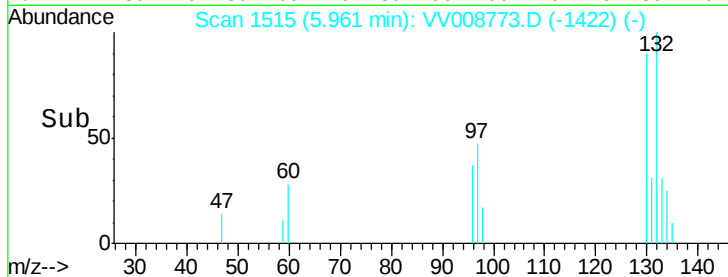
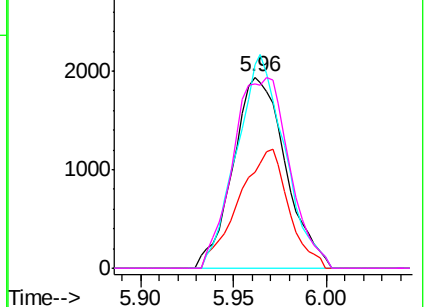


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 7.752 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008773.D

Acq: 29 Nov 2018 19:12

Tgt Ion: 164 Resp: 67440

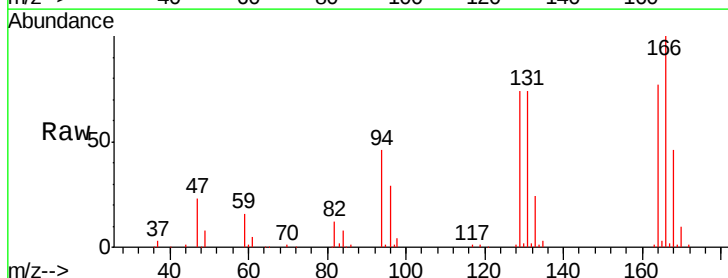
Ion Ratio Lower Upper

164 100

129 97.2 67.5 125.3

131 96.3 65.9 122.5

166 130.5 89.2 165.6



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

